

PATENT ABSTRACTS OF JAPAN

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(54) OPTICAL INFORMATION RECORDING MEDIUM

(57)Abstract:

PROBLEM TO BE SOLVED: To provide an optical information recording medium of which the value of jitter is small and the recording sensitivity high.

SOLUTION: The optical information recording medium has a constitution wherein a dyestuff recording layer whereon information can be recorded by casting a laser light is provided on a transparent base having pre-grooves formed and a light reflecting layer constituted of a metal is provided on the dyestuff recording layer. The dyestuff recording layer contains dyestuff A having the maximum absorption wavelength in the range of 400-700 nm and dyestuff B having the maximum absorption wavelength on the side of longer wavelengths by 3-50 nm than the dyestuff A. The sensitivity ratio between the dyestuff A and the dyestuff B expressed by the following equation is 0.20-0.55. $Q=(PA-PB)/PA$ (PA denotes the optimum recording power of the dyestuff A and PB the optimum recording power of the dyestuff B).

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